

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025444**Date Inspected:** 09-Jul-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Hua Ji**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG COMPONENT**Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Subhasis Bera was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

Visual Inspection after Painting at Segment 14E internal

This Quality Assurance (QA) Inspector performed random visual inspection of OBG Segment 14E internal Deck panel, side panel, bottom panel and Floor beam surfaces after primer painting in between panel point PP127 to PP128.7. Areas that marked for weld repair were recorded for future repair and requiring additional grinding were marked by QA and informed to ABF and ZPMC personnel.

Visual Inspection and MT witness at temporary attachment repair area of Segment 14E external side

This Quality Assurance (QA) Inspector performed Visual inspection, witness and verification of Magnetic Particle Testing (MT) 15% for temporary attachment repairs area of OBG segment 14E component at jetty Area. This QA inspector generated a (MT) report for this date. This area was previously tested and accepted by ZPMC QC MT technicians.

The location Designations are as follows

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12 locations in between PP125 to 126

7 locations in between PP127 to 128.7

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Bera,Subhasis	Quality Assurance Inspector
Reviewed By:	Dsouza,Christopher	QA Reviewer
